

--CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a continuation of International Application No. PCT/ES00/00019, filed on January 19, 2000.--

IN THE CLAIMS

Please amend Claims 3-5 and 7-9 as follows:

3. (Amended) The S-nitrosothiol derivative of claim 1 wherein said derivative is N-acetyl-2-amino-2-[4-(4-S-nitrosomercaptotetrahydropyran)] acetic acid.

4. (Amended) The S-nitrosothiol derivative of claim 1 wherein said derivative is N-acetyl-2-amino-2-[4-(4-S-nitrosomercapto-1-methylpiperidin)] acetic acid.

5. (Amended) The S-nitrosothiol derivative of claim 1 wherein said derivative is N-acetyl-2-amino-3-benzyl-3-S-nitrosomercapto-4-phenyl-butanoic acid.

7. (Amended) The S-nitrosothiol derivative of claim 1 wherein said derivative is N[N- γ -L-glutamyl-2-amino-2-(4-(4-S-nitrosomercapto) tetrahydropyr-an))acetyl]-glycine.

8. (Amended) The S-nitrosothiol derivative of claim 1 wherein said derivative is N[N- γ -L-glutamyl-2-amino-2-(4-(4-S-nitrosomercapto-1-methylpipe-ridin))acetyl]-glycine.

9. (Amended) The S-nitrosothiol derivative of claim 1 wherein said derivative is N[N- γ -L-glutamyl-2-amino-3-benzyl-3-(S-nitrosomercapto)-4-phenylbutanoyl]-glycine.

Please delete claims 10 and 11

Please add new claims 12-18 as follows:

12. The S-nitrosothiol derivative of claim 2 wherein said derivative is N-acetyl-2-amino-2-[4-(4-S-nitrosomercaptotetrahydropyran)] acetic acid.

13. The S-nitrosothiol derivative of claim 2 wherein said derivative is N-acetyl-2-amino-2-[4-(4-S-nitrosomercapto-1-methylpiperidin)] acetic acid.

14. The S-nitrosothiol derivative of claim 2 wherein said derivative is N-acetyl-2-amino-3-benzyl-3-S-nitrosomercapto-4-phenyl-butanoic acid.

15. The S-nitrosothiol derivative of claim 1 wherein said derivative is N[N- γ -L-glutamyl-2-amino-2-(4-(4-S-nitrosomercapto) tetrahydropyr-an))acetyl]-glycine.

16. The S-nitrosothiol derivative of claim 2 wherein said derivative is N[N- γ -L-glutamyl-2-amino-2-(4-4-S-nitrosomercapto-1-methylpipe-ridin))acetyl]-glycine.

17. The S-nitrosothiol derivative of claim 1 wherein said derivative is N[N-γ-L-glutamyl-2-amino-3-benzyl-3-(S-nitrosomercapto)-4-phenylbutanoyl]-glycine.

18. A method for the treatment of dysfunctions of the circulatory system comprising providing a medicament having a platelet aggregating inhibiting-effective amount of the S-nitrosothiol derivative of claim 1.